

CLAIMS

What is claimed is:

1. An electronics assembly, comprising:
 - 5 a chassis defining an internal cavity for receiving a plurality of electronic cards;
 - a divider within the chassis, the divider being parallel to the electronic cards and defining first and second flow channels;
 - a first air mover configured to cause air to flow through the first flow channel; and
 - 10 a second air mover configured to cause air flowing in the first flow channel to flow through the second flow channel.
2. The electronics assembly of claim 1, wherein the divider is an electronic card.
3. The electronics assembly of claim 1, wherein the first and second air movers
15 are fans or blowers.
4. The electronics assembly of claim 1, further comprising a flow guide to assist air flow from the first flow channel to the second flow channel.
- 20 5. The electronics assembly of claim 1, wherein the first and second air movers are in a fan tray.
6. The electronics assembly of claim 1, wherein the first air mover is in a fan tray with one or more additional air movers.
- 25 7. The electronics assembly of claim 1, wherein the second air mover is in a fan tray with one or more additional air movers.

8. The electronics assembly of claim 1, wherein the air flowing in the first channel flows in direction opposite the air flowing in the second flow channel.

9. The electronics assembly of claim 1, further comprising an intake opening for
5 air to flow through to the first flow channel.

10. The electronics assembly of claim 1, further comprising an exhaust opening for
air to flow through from the second flow channel.

10 11. An electronics assembly, comprising:
a chassis defining an internal cavity for receiving a plurality of electronic cards;
an electronic card within the chassis defining first and second flow channels;
a first air mover configured to cause air to flow through the first flow channel; and
a second air mover configured to cause air flowing in the first flow channel to flow
15 through the second flow channel.

12. The electronics assembly of claim 11, wherein the first and second air movers
are fans or blowers.

20 13. The electronics assembly of claim 11, further comprising a flow guide to assist
air flow from the first flow channel to the second flow channel.

14. The electronics assembly of claim 11, wherein the first and second air movers
are in a fan tray.

25 15. The electronics assembly of claim 11, wherein the first air mover is in a fan
tray with one or more additional air movers.

16. The electronics assembly of claim 11, wherein the second air mover is in a fan
30 tray with one or more additional air movers.

17. The electronics assembly of claim 11, wherein the air flowing in the first channel flows in direction opposite the air flowing in the second flow channel.

18. The electronics assembly of claim 1, further comprising an intake opening for
5 air to flow through to the first flow channel.

19. The electronics assembly of claim 11, further comprising an exhaust opening for air to flow through from the second flow channel.

10 20. An electronics assembly, comprising:
a chassis defining an internal cavity for receiving a plurality of electronic cards;
a means for defining first and second flow channels within the chassis, the means for defining being parallel to the electronic cards and;
a first means for moving air through the first flow channel; and
15 a second means for moving air in the first channel to flow through the second flow channel.

21. A method of providing air through an electronics assembly having a chassis, comprising:

20 moving air through a first flow channel in the chassis, the first flow channel being defined by an electronic card within the chassis;
moving air from the first flow channel to a second flow channel in the chassis, the second flow channel being defined by the electronic card within the chassis.

25 22. The method of claim 21, wherein the air flowing in the first channel flows in direction opposite the air flowing in the second flow channel.